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TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c))			Docket No. DP-309936	
In Re Application Of: William J. LaBarge, et al.				
Serial No. 10/811,131	Filing Date March 26, 2004	Examiner NYA		Group Art Unit NYA
Title: CATALYTIC CONVERTER SYSTEM AND METHODS OF MAKING THE SAME				
Address to: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450				
37 CFR 1.97(b)				
1. <input checked="" type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.				
37 CFR 1.97(c)				
2. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:				
<input type="checkbox"/> the statement specified in 37 CFR 1.97(e);				
OR				
<input type="checkbox"/> the fee set forth in 37 CFR 1.17(p).				

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
DP-309936

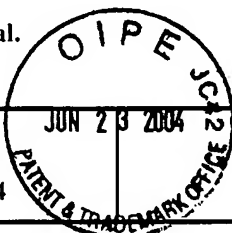
In Re Application: William J. LaBarge, et al.

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Group Art Unit
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CATALYTIC CONVERTER SYSTEM AND METHODS OF MAKING THE SAME

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

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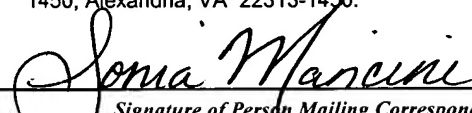
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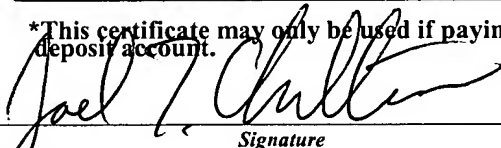
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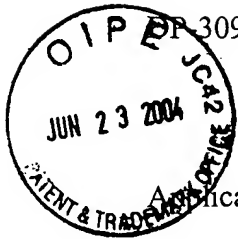
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Dated: June 21, 2004

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BP 309936

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: William J. LaBarge, et al.)
Serial No.: 10/811,131) Group Art Unit: NYA
Filing Date: March 26, 2004) Examiner: NYA
For: CATALYTIC CONVERTER)
SYSTEM AND METHOD OF)
MAKING THE SAME)

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.56, 1.97 AND 1.98

Sir:

In compliance with the duty to disclose, submitted herewith is form PTO-A820 (PTO-1449) listing publication(s) of which those designated by 37 CFR § 1.56 are aware. Copies of the non-United States patents or published applications are enclosed.

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made, or an admission that the information cited is, or is considered to be, material to patentability.

Respectfully submitted,

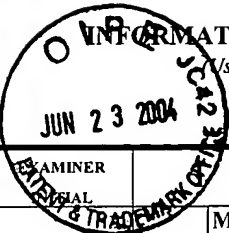
CANTOR COLBURN LLP

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		Docket Number (Optional) DP-309936	Application Number 10/811,131
		Applicant(s) William J. LaBarge, et al.	
		Filing Date March 26, 2004	Group Art Unit NYA
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
1	M. H. Kim, et al., SAE 923925 "A Study on the Flow Characteristics of the Catalytic Converter in Automotive Emission", November 20, 1992, ABSTRACT ONLY (1 page)		
2	Masao Toi, et al., SAE 978312, "The Optimization of the Catalytic Converter Internal Flow by Using 3D-CFD", October 21, 1997, ABSTRACT ONLY (1 page)		
3	Herman Weltens, et al., SAE 930780, "Optimisation of Catalytic Converter Gas Flow Distribution by CFD Prediction", March 1-5, 1993, pp 131-151		
4	Sivanandi Rajadural, SAE 2001-28-0046, "Computer Application in Converter Development from Concept to Manufacturing", pp 329-338		
5	Sivanandi Rajadural, et al., SAE 2000-01-1417, "Catalytic Converter Design, Development and Manufacturing", pp 54-60		
6	R. J. Clarkson, et al., SAE 931071, "An Integrated Computational Model for the Optimisation of Monolith Catalytic Converters", pp 11-24		
7	D.G. Lloyd-Thomas, et al., SAE 931079, "Meeting Heat Flow Challenges in Automotive Catalyst Design with CFD", March 29 - April 1, 1993, pp 93-101		
8	Achim Heibel, et al., SAE 1999-01-0768, "A New Coverter Concept Providing Improved Flow Distribution and Space Utilization", March 1-4, 1999, pp 1-10		
9	Stephen Massey, et al., SAE 2002-01-0005, "Modelling Exhaust Systems Using One-Dimensional Methods", March 4-7, 2002, 5 pages		
10	H Knon, SAE 2001-01-3806, "Close-Coupled Converter Modeling with a Thinwall Substrate for a Gasoline Engine", November 19-22, 2001, 7 pages		
11	Richard J. Matus, SAE 941082, "Modelling of Exhaust System with CFD", April 12-13, 1994, pp 1-6		
12	Joachim Braun, et al., SAE 2002-01-0065, "Three-Dimensional Simulation of the Transient Behavior of a Three-Way Catalytic Converter", March 4-7, 2002, 11 pages		
EXAMINER		DATE CONSIDERED	
<p>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>			

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>		Docket Number (Optional) DP-309936	Application Number 10/811,131
		Applicant(s) William J. LaBarge, et al.	
		Filing Date March 26, 2004	Group Art Unit NYA

*EXAMINER INITIAL	OTHER DOCUMENTS	<i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>
13		S. Park, et al., SAE 18-216-D2-161, "Simulation on the Characteristic of Gas Flow and Mixing for the Location of the Oxygen Sensor in the Exhaust System", November 19, 2001, pp 161-169
14		S. F. Benjamin, et al., SAE 17-215-C4-379, "Modeling the Flow Distribution Through Automotive Catalytic Converters", February 2, 2001, pp 379-383
15		S. Rajadurai, et al., SAE 990050, "Catalytic Converter Design, Development and Optimisation Using Computational Analysis and Engineering", pp 483-490
16		N. S. Will, et al., SAE 94A035, "The Use of CFD as an Aid to Catalytic Converter Design", pp 387-397
17	X	L. S. Mukadi, et al., "Modelling the three-way catalytic converter wiioth mechanistic kinetics using the Newton-Krylov method on a parallel computer", Computers and Chemical Engineering 26 (2002), pp 439-455, October 18, 2001
18		Soo-Jin Jeong, et al., "Simulation of Thermal and Flow Characteristics for Optimum Design of an Automotive Catalytic Converter", Chem. Eng. Comm., 189: 1314-1339, 2002, June 28, 2000
19		T. Shamim, et al., "A Comprehensive Model to Predict Three-Way Catalytic Converter Performance", Journal of Engineering for Gas Turbines and Power, April 2002, Vol. 124, pp 421-428
20	c	Soo-Jin Jeong, et al., "An Application of CFD to Improve Warm-up Performance of the 3-way Auto-Catalyst by High Surface Area and Low Thermal Mass", Int. J. of Vehicle Design, Vol. 29, No. 3, 2002, pp 243-268
21		Dimitrios N. Tsinoglou, et al., "Oxygen Storage Modeling in Three-Way Catalytic Converters", Ind. Eng. Chem. Res. 2002, 41, pp 1152-1165, Published 01/30/2002
22	p	Sandip Mazumder, et al., "Sub-Grid Scale Modeling of Heterogeneous Chemical Reactions and Transport in Full-Scale Catalytic Converters", Combustion and Flame 131:85-97 (2002)
23		Benlin Liu, et al., "Experimental Study of a Reverse Flow Catalytic Converter for a Dual Fuel Engine", The Canadian Journal of Chemical Engineering, Volume 79, August 2001, pp 491-506
24		V. Yakhnin, et al., "Stationary and Traveling Hot Sports in the Catalytic Combustion of Hydrogen in Monoliths", Chemical Engineering Science 57 (2002) pp 4559-4567

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